



FEB 05 1982

5199-1

FORM NO. OSHA-20 (MODIFIED)  
MAY 1971U.S. DEPARTMENT OF LABOR  
WORKPLACE STANDARDS ADMINISTRATION  
BUREAU OF LABOR STANDARDS

MDC CONTROL NO. \_\_\_\_\_

## MATERIAL SAFETY DATA SHEET

## SECTION I: MATERIAL AND MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME TEC CHEMICAL CO.		EMERGENCY TELEPHONE NO.
ADDRESS (NUMBER, STREET, CITY, STATE AND ZIP CODE) 524 Monterey Pass Road, Monterey Park, California 91754		
CHEMICAL NAME AND SYNONYMS Solvent Solution of Modified Tec #556P-6619 - Acrylic Resins		TRADE NAME AND SYNONYMS Tec #556P-6619
CHEMICAL FAMILY Methacrylate resin solution	FORMULA	

## SECTION II: HAZARDOUS INGREDIENTS\*

PAINTS, PRESERVATIVES/SOLVENTS	%	TLV (UNITS)	ALLOYS AND METALLIC COATINGS	%	TLV (UNITS)
PIGMENTS	0.2	0	BASE METAL		
CATALYST		0	ALLOYS		
VEHICLE	20	0	METALLIC COATINGS		
SOLVENTS	79.8	220 avg.	FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES	0		OTHERS		
OTHERS	0				
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES*				%	TLV (UNITS)

## SECTION III: PHYSICAL DATA

BOILING POINT (°F)	83° C.	SPECIFIC GRAVITY (H <sub>2</sub> O = 1)	904
VAPOR PRESSURE (mm Hg.) @ 25	43.	PERCENT VOLATILE BY VOLUME (%)	80
VAPOR DENSITY (AIR = 1)	1.2	EVAPORATION RATE (N <sub>Bu</sub> O = 1) calculated	1.7
SOLUBILITY IN WATER	no		
APPEARANCE AND ODOR	Green - acetate odor		

## SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED) TOC 72° F. Closed Cup 66° F.	FLAMMABLE LIMITS Auto Ignition 700°F.	Lel 1.2	Uel 6.5
EXTINGUISHING MEDIA CO <sub>2</sub> dry powder			
SPECIAL FIRE FIGHTING PROCEDURES			

UNUSUAL FIRE AND EXPLOSION HAZARDS

\*PLEASE DO NOT USE GENERALIZATIONS, SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES.  
USE SPECIFIC CHEMICAL NAMES, SUCH AS METHANOL, BENZENE, PERCHLOROETHYLENE.

BOE-C6-0201885

# SECTION V: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

220

EFFECTS OF OVEREXPOSURE

dizziness, vomiting

EMERGENCY AND FIRST AID PROCEDURES

remove to fresh air - flush eyes with water - apply artificial respiration if necessary.

keep warm.

# SECTION VI: REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID excess breathing of vapors - excess skin contact
	STABLE	x	

INCOMPATIBILITY (MATERIALS TO AVOID)

oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS

acetic acid - acrylic acid

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	x	

# SECTION VII: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

move container outside - squeegee excess spillage using rubber tipped equipment - mop area

with solvent such as toluene, lacquer thinner, etc.

WASTE DISPOSAL METHOD

same as with paint.

# SECTION VIII: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE)

cloth filter

VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL (GENERAL) suction type	OTHER

PROTECTIVE GLOVES

EYE PROTECTION

goggles

OTHER PROTECTIVE EQUIPMENT

name is generally used

# SECTION IX: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

avoid breathing excess vapors if spilled - store away from yellow labeled materials.

OTHER PRECAUTIONS

PREPARED BY

*Clifford C. Campbell*

9/5/72

DATE

# MATERIAL SAFETY DATA SHEET

FEB 05 1982

NPCA 1-7

5199-1

FOR COATINGS, RESINS AND RELATED MATERIALS

(Approved by U.S. Department of Labor "Essentially Similar" to Form OSHA-20)

DATE OF PREP. 9/25/72

## Section I

MANUFACTURER'S NAME Pierce & Stevens Chemical Corp.

STREET ADDRESS 710 Ohio St. CITY, STATE, AND ZIP CODE Buffalo, New York 14240  
Box 1092

EMERGENCY TELEPHONE NO. A.C. 716-856-4910

PRODUCT CLASS Acrylic Lacquer

MANUFACTURERS CODE IDENTIFICATION F9267X

TRADE NAME N.A.

## Section II — HAZARDOUS INGREDIENTS

INGREDIENT	PERCENT	TLV		LEL	VAPOR PRESSURE
		PPM	mg/M <sup>3</sup>		
Butyl Acetate	45	150		1.7	8
N-Propyl Acetate	20	200		1.8	23
Toluol	10	200		1.4	22
Isopropanol	5	400		2.0	34
Ethyl Acetate	4.5	400		2.5	76
Ethanol	4.5	N.A.		3.3	42

## Section III — PHYSICAL DATA

BOILING RANGE 160-262°F VAPOR DENSITY ☒ HEAVIER ☐ LIGHTER, THAN AIR

EVAPORATION RATE ☐ FASTER ☒ SLOWER, THAN ETHER PERCENT VOLATILE BY VOLUME 84 WEIGHT PER GALLON @ 25°C 7.6 lbs.

## Section IV — FIRE AND EXPLOSION HAZARD DATA

DOT CATEGORY Red Label, Flammable, FLASH POINT 55°F. est. (T.O.C.) LEL See Sec II  
Less than 80°F

EXTINGUISHING MEDIA  
CO<sub>2</sub>, Dry Chemical, or "Alcohol" foam.

UNUSUAL FIRE AND EXPLOSION HAZARDS  
Closed containers may explode when exposed to extreme heat.

SPECIAL FIRE FIGHTING PROCEDURES  
Use air supplied face mask for enclosed areas. Cool closed containers with water.

## Section V — HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE See Sec. II

EFFECTS OF OVEREXPOSURE

Headache, nausea, dizziness, loss of consciousness.

### EMERGENCY AND FIRST AID PROCEDURES

Inhalation—remove to fresh air. Administer artificial respiration if necessary. Call doctor. Skin contact—remove with solvent, followed by soap and water. Eye contact—flood with large quantities of water for 10 minutes. Call doctor. Ingestion—call doctor at once.

## Section VI — REACTIVITY DATA

STABILITY ☐ UNSTABLE ☒ STABLE

CONDITIONS TO AVOID fire-high temperature

INCOMPATIBILITY (Materials to avoid) strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS

CO, CO<sub>2</sub>, oxides of nitrogen

HAZARDOUS POLYMERIZATION ☐ MAY OCCUR ☒ WILL NOT OCCUR

CONDITIONS TO AVOID

## Section VII — SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove all sources of flame, heat or sparks. Turn off all electrical equipment. Ventilate area. Wear rubber gloves, recover free liquid with absorbent material and place into closed metal containers. WASTE DISPOSAL METHOD Land fill or incinerate only in conformance with local, state or federal regulations. Do not incinerate sealed containers.

## Section VIII — SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION

Confined areas—use Bureau of Mines IC8436 approved chemical-mechanical filters for removal of particulates and vapors.

VENTILATION

Provide general dilution or local exhaust ventilation to keep vapor concentrations below TLV and LEL. Figures given in Sec. II

PROTECTIVE GLOVES Solvent resistant type

EYE PROTECTION Face shield or goggles

OTHER PROTECTIVE EQUIPMENT Protective outerwear, i.e. coveralls, aprons etc.

## Section IX — SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep away from heat, sparks and open flame. Vapor may be harmful, Use with adequate ventilation. Close container after each use.

OTHER PRECAUTIONS

Avoid prolonged or repeated breathing of vapor or contact with skin. Do Not take internally.